WHAT IS CLAIMED IS:

1. (Original) A method for controlling a zonally operated elevator installation wherein on a changeover floor changing between zones is made possible, and by which transportation to and from the changeover floor is realized with a delivering elevator group and a collecting elevator group, and by which a trip destination is entered via a destination-call control system by each passenger to be transported, the method comprising the steps of:

combining the delivering elevator group and the collecting elevator group into a multi-group which is controlled by a multi-group control;

determining a number of passengers who will change elevator groups on the changeover floor by the multi-group control using the trip destinations entered; and

controlling the elevator groups by the multi-group control depending on the number of passengers changing.

2. (Original) the method according to claim 1, including communicating to the passengers an optimal elevator of an elevator group depending on the trip destination, and communicating an optimal connecting elevator on the changeover floor to the changing passengers by way of the multi-group control.

3. (Original) The method according to claim 1, including determining with the multi-group control a number of passengers who will not use any connecting elevator group, and feeding the number together with the number of changing passengers to a statistics unit.

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4. (Original) The method according to claim 3, further including transmitting an approximate exiting time on the changeover floor to the statistics unit after a destination-call is entered.

5. (Original) The method according to claim 4, including transmitting an exact exiting time of the passengers on the changeover floor, and an approximate time of boarding the connecting elevator to the statistics unit.

6. (Original) The method according to claim 1, including transmitting, with the multi-group control, an exact time of boarding the connecting elevator to a statistics unit as soon as the exact time of boarding the connecting elevator is known.

7. (Original) The method according to claim 5, including determining, in the statistics unit from the determined times, the number of passengers on the changeover floor at any time.

8. (Original) The method according to claim 7, wherein the statistics unit determines from the exact times of boarding and exiting a real number of persons on the changeover floor, and from the approximate times of boarding and exiting a leading number of persons on the changeover floor.

9. (Original) The method according to claim 1, including feeding the building parameters to the multi-group control.

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10. (Original) The method according to claim 1, including notifying the multi-group control when a parameter (MAXAPE) is exceeded, , and adjusting transportation capacity of the collecting elevator group by changing destination-call control parameters for the collecting elevator group.

11. (Original) The method according to claim 10, including adjusting the transportation capacity of the collecting elevator group by changing the destination-call control parameters for the collecting elevator group when the parameter (MAXAPE) is exceeded and an occupation trend has a positive gradient, and setting a maximum transportation capacity with reduced comfort (MTAGOK) for the collecting elevator group.

12. (Original) The method according to claim 11, including changing the destination-call control parameters to a normal transportation capacity with normal comfort when a parameter (MAXAPA) is fallen below and an occupation trend is negative.

13. (Original) The method according to claim 12, wherein the parameter MAXAPE has a value that is smaller than a value of the parameter MAXAPA.

14. (Original) The method according to claim 13, wherein the parameters MAXAPA and MAXAPE are adjustable.

15. (Original) An elevator installation for zonal operation in buildings, comprising:

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several elevators, each elevator having at least one destination-call input device for recording a destination of a passenger, each elevator being assigned to an elevator group, the building being divided into zones, and arranged between the zones is a changeover floor for changing between the elevator groups; and

a multi-group control for controlling a delivering elevator group and a collecting elevator group, the multi-group control being operative to calculate from the trip-destination entries of the passengers in the delivering elevator group and the passengers in the collecting elevator group a number of passengers on the changeover floor, destination-call control parameters being changeable depending on the number of passengers on the changeover floor.

16. (Original) The device according to claim 15, and further comprising a statistics unit, the multi-group control being assigned to the statistics unit so as to feed the parameters determined by the multi-group control to the statistics unit, the statistics unit being operative to calculate the number of persons on the changeover floor and an occupation trend on the changeover floor, the multi-group control being operable in a peak-traffic mode when a specifiable maximum parameter is exceeded, and in a normal-traffic mode when a further parameter is fallen below.